Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/663,696              | NAGATA ET AL.                           |  |
| Examiner                | Art Unit                                |  |
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| <b>√</b> | Rejected |  |
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| =        | Allowed  |  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Allen T. Cao

| A | Appeal   |
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| Cla         | im       | n Date   |                        |               |          |          | Cla       | aim               | Date   |  |       |          |          |  | CI       | Claim   |              |                 |          |              | ate      | <del></del> |            |                 |          |                   |                        |                |                 |                 |          |          |
|-------------|----------|--|------------------------|---------------|----------|----------|-----------|-------------------|--------|--|-------|----------|----------|--|----------|---------|--------------|-----------------|----------|--------------|----------|-------------|------------|-----------------|----------|-------------------|------------------------|----------------|-----------------|-----------------|----------|----------|
| Final       | Original | 1/10/06  |                        |               |          |          |           |                   |        |  |       | Final    | Original |  |          |         |              |                 |          |              |          | Final       | Original   |                 |          |                   |                        |                |                 |                 |          |          |
|             | 1        | ٧  | $\dashv$               |               | $\dashv$ | $\dashv$ | $\dashv$  |                   |        |  |       |          | 51       |  | +        | +       | +-           |                 | $\dashv$ |              |          |             | 101        |                 |          |                   |                        | $\dashv$       |                 |                 | $\dashv$ | ᅱ        |
|             | 2        | ٧  |                        |               | $\Box$   |          | 一         |                   |        |  |       |          | 52       |  | 1        |         |              |                 |          |              |          |             | 102        |                 |          | T                 |                        |                |                 |                 | Ī        |          |
|             | 3        | ٧  |                        |               | 一        |          |           |                   |        |  |       |          | 53       |  | $\neg$   |         | 1            |                 |          |              |          |             | 103        |                 | T        | $\neg$            |                        |                |                 |                 | ヿ        |          |
|             | 4        | ٧  |                        |               |          |          |           |                   |        |  |       |          | 54       |  |          |         |              |                 |          |              |          |             | 104        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 5        | ٧  |                        |               |          |          |           |                   |        |  |       |          | 55       |  |          |         |              |                 |          |              |          |             | 105        |                 |          | [                 |                        |                |                 |                 |          |          |
|             | 6        | ٧  |                        |               |          |          |           |                   |        |  |       |          | 56       |  |          |         |              |                 |          |              |          |             | 106        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 7        | ٧  |                        |               |          |          | [         |                   |        |  |       |          | 57       |  |          |         |              |                 |          |              |          |             | 107        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 8        | ٧  |                        | $\perp$       | _        | _        | _         |                   | $\Box$ |  |       |          | 58       |  | $\bot$   |         | 1_           |                 | _        |              |          |             | 108        |                 |          | _                 | _                      |                |                 | $\dashv$        | _        | _        |
|             | 9        | ٧  | ightharpoonup          | 4             | _        | 4        | _         |                   |        |  |       |          | 59       | $\sqcup$   | $\bot$   |         | ╀-           |                 |          |              |          |             | 109        |                 | _        | _                 |                        |                |                 | _               | _        | _        |
|             | 10       | ٧  | $\rightarrow$          | $\dashv$      | _        | 4        | _         | $\longrightarrow$ |        |  |       |          | 60       |  | $\perp$  |         | _            |                 | _        |              |          |             | 110        |                 | _        | _                 |                        |                |                 | _               | _        | _        |
|             | 11       | ٧  |                        | $\dashv$      | _        |          | _         |                   |        |  |       |          | 61       | $\vdash$   | $\bot$   | _       | $\perp$      |                 |          |              |          |             | 111        |                 |          | _                 |                        |                |                 |                 | _        | _        |
|             | 12       | V  | <b></b>                |               | _        |          | _         |                   |        |  |       |          | 62       | <del>                                     </del> | _ _      |         | <del> </del> | $\sqcup$        | $\dashv$ |              |          |             | 112        |                 |          | $\dashv$          | _                      |                |                 | $\rightarrow$   | _        | _        |
|             | 13       | ٧  | $\vdash \downarrow$    | $\rightarrow$ | 4        | $\dashv$ | _         |                   |        |  |       |          | 63       | $\vdash \vdash$                                  | +        | +       | +            |                 | $\dashv$ | _ _          |          |             | 113        |                 |          |                   |                        | $\blacksquare$ |                 | $\rightarrow$   | $\dashv$ | $\dashv$ |
| <b> </b>    | 14       | <del> </del>                                     |                        | $\dashv$      | $\dashv$ |          | _         |                   |        |  |       | <u> </u> | 64       | $\vdash$   | +        | +       | 1            |                 | +        |              | <b></b>  |             | 114        |                 | _        |                   |                        |                |                 | -               | $\dashv$ |          |
| <b></b>     | 15       |  | $\vdash$               |               | -        | -+       |           |                   |        |  |       |          | 65       |  | $\dashv$ | +       | +            | H               | +        | -            |          |             | 115        |                 |          | $\longrightarrow$ | -                      | -              | $\vdash \vdash$ | $\dashv$        | $\dashv$ | $\dashv$ |
| <u> </u>    | 16<br>17 | <u> </u>   | $\vdash$               |               | $\dashv$ |          |           |                   |        |  |       | ļ        | 66<br>67 |  | +        |         | +            | H               | +        | -            |          |             | 116<br>117 |                 | $\dashv$ |                   |                        |                |                 | $\dashv$        | $\dashv$ | $\dashv$ |
|             |          | _  |                        | $\dashv$      | $\dashv$ | ⊣        |           |                   | _      |  | ::::: |          |          | ╂┷┼  |          | ╌       |              | ├─┤             | $\dashv$ | +            | 1:::::   |             |            | $\vdash$        | $\dashv$ | -                 | -                      |                |                 |                 | $\dashv$ | $\dashv$ |
|             | 18<br>19 | -  | $\vdash$               | -             | $\dashv$ |          |           |                   | _      |  |       |          | 68<br>69 | <del>├</del>                                     |          |         | +            | $\vdash$        | -        |              |          |             | 118        |                 |          |                   | $\dashv$               |                |                 | -               | $\dashv$ | 一        |
|             | 20       |  |                        | -             |          |          |           |                   | _      |  |       |          | 70       |  |          | -       | ┨            |                 |          |              |          |             | 119        |                 |          |                   | -                      |                |                 | -               | $\dashv$ | ᅱ        |
|             | 21       |  |                        | -             | $\dashv$ | $\dashv$ | -         |                   | _      | _  |       |          | 71       |  |          |         | ╁            |                 | -        | <del> </del> | 1        |             | 120<br>121 |                 |          |                   | -                      | $\dashv$       |                 | $\dashv$        | -        |          |
|             | 22       | <del>                                     </del> | $\dashv$               | -             | $\dashv$ | +        |           | $\neg$            |        |  |       |          | 72       | ╂╼╌┼╴  | -        |         | ╁            | ╂╼┼             | -        |              | <b>-</b> |             | 122        |                 |          |                   |                        |                | $\vdash$        |                 |          |          |
|             | 23       | _  | $\vdash$               | 十             | 一        | _        | _         |                   |        |  |       |          | 73       |  | _        | +-      | +            |                 |          | _            | <b>-</b> |             | 123        |                 |          |                   |                        |                |                 | $\dashv$        | -        | $\dashv$ |
|             | 24       | $\vdash$   | $\dashv$               | _             | $\dashv$ | -        |           |                   |        |  |       | -        | 74       | -  | +        |         | +-           |                 |          | -            | 1        |             | 124        |                 |          |                   |                        |                |                 |                 | $\neg$   | ᅱ        |
|             | 25       |  |                        | _             | 一        |          |           |                   |        |  |       |          | 75       |  | _        | $\top$  | 1            | $\vdash$        | 十        | -            | <b>†</b> |             | 125        |                 | 一        |                   |                        |                |                 |                 | 一        | ᅵ        |
|             | 26       |  |                        |               | $\neg$   |          |           |                   |        |  |       |          | 76       |  |          | _       | 1            |                 | $\dashv$ |              | <b></b>  |             | 126        |                 |          |                   |                        |                |                 |                 | $\neg$   | $\dashv$ |
|             | 27       |  |                        |               | ヿ        | $\neg$   | $\neg$    |                   |        |  |       |          | 77       |  |          |         | 1            |                 |          |              | 1        |             | 127        |                 |          |                   |                        |                |                 |                 | $\neg$   | $\neg$   |
|             | 28       |  |                        |               |          |          |           |                   |        |  |       |          | 78       |  |          |         |              |                 |          |              |          |             | 128        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 29       |  |                        |               |          |          |           |                   |        |  |       |          | 79       |  |          |         |              |                 |          |              | ]:::::   |             | 129        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 30       |  |                        |               |          |          |           |                   |        |  |       |          | 80       |  |          |         |              |                 |          |              |          |             | 130        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 31       | <u> </u>   |                        |               | $\Box$   |          |           |                   |        |  |       |          | 81       |  | $\perp$  | _ _     |              |                 |          |              | <u> </u> |             | 131        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 32       | _  |                        |               |          | _        |           |                   |        |  |       |          | 82       | $\sqcup$   | _        | _ _     |              |                 |          |              |          |             | 132        |                 |          |                   |                        |                |                 |                 | _        |          |
|             | 33       | <u> </u>   |                        | _             | _        | _        |           |                   |        |  |       |          | 83       | $\sqcup$   | $\perp$  | $\perp$ |              |                 | _        |              |          |             | 133        |                 | _        |                   |                        |                |                 |                 | _        |          |
|             | 34       | _  | $\sqcup$               | $\dashv$      | _        | $\dashv$ |           |                   |        | <u> </u>   | ::::: |          | 84       |  |          | $\perp$ | +-           |                 | _        | $\bot$       | -        |             | 134        |                 |          |                   |                        |                |                 |                 |          |          |
|             | 35       |  | $\sqcup$               | $\dashv$      | _        | $\dashv$ | _         |                   |        |  |       |          | 85       |  | 4        | +       | +-           | -               |          | $\dashv$     | -{:::::  |             | 135        | $\sqcup$        | _        |                   |                        | <u> </u>       |                 |                 |          | $\dashv$ |
|             | 36       | _  | $\square$              | $\dashv$      | $\dashv$ | $\dashv$ |           |                   |        |  |       | <b></b>  | 86       |  | _        |         | +-           |                 | _        | $\perp$      | 4        |             | 136        |                 | _        |                   |                        |                | $\vdash \vdash$ |                 | $\dashv$ | $\dashv$ |
|             | 37       | _  | H                      | $\dashv$      | $\dashv$ | $\dashv$ | _         |                   |        |  |       |          | 87       | -  |          | -       | +            | $\vdash \vdash$ |          | +            |          |             | 137        | $\mid - \mid$   |          |                   |                        |                |                 | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
| <del></del> | 38       |  | $\vdash \vdash \vdash$ | $\dashv$      |          | $\dashv$ | _         |                   |        |  |       |          | 88       |  |          | -       | +            | $\vdash$        |          | +            | -        |             | 138        | $\mid - \mid$   |          |                   |                        |                |                 | $\square$       | $\dashv$ | $\dashv$ |
|             | 39       | ļ  | $\vdash \vdash$        | $\dashv$      | $\dashv$ |          |           | $\vdash \vdash$   |        | $\vdash$   |       | <u> </u> | 89       | $\vdash$   | $\dashv$ | +       | +            | ╁┤              | $\dashv$ | +-           | ł::::    |             | 139        |                 |          |                   |                        |                | $\vdash \vdash$ | H               |          | $\dashv$ |
|             | 40       |  |                        | $\dashv$      | -        | -        |           | $\vdash$          |        |  |       |          | 90       | <del>                                     </del> | +        | +-      | +            | H               | +        | <del></del>  |          |             | 140        | H               | $\dashv$ |                   | $\vdash \vdash \vdash$ |                |                 |                 | $\dashv$ | $\dashv$ |
|             | 42       |  | $\vdash$               | $\dashv$      |          |          |           | $\vdash \vdash$   |        | -  |       | -        | 92       |  | +        | +-      | +            |                 | -        |              | <b>-</b> |             | 142        | $\square$       | $\dashv$ |                   |                        |                |                 | $\dashv$        | $\dashv$ | $\dashv$ |
| <b></b>     | 42       | -  | $\vdash \vdash$        | +             | $\dashv$ | -+       |           | $\vdash \vdash$   |        | $\vdash$   |       | <b> </b> | 93       | +  | +        |         | +            |                 | $\dashv$ |              | ł:::::   |             | 143        |                 | $\dashv$ |                   |                        |                |                 |                 | -        |          |
| <b> </b>    | 44       | -  | $\vdash \vdash$        | $\dashv$      | $\dashv$ |          |           | $\vdash \vdash$   | -      | $\vdash$   |       |          | 94       |  | +        | +-      | +            |                 | $\dashv$ |              | ł:::::   |             | 144        | $\vdash$        |          |                   |                        | $\vdash$       |                 | $\dashv$        | $\dashv$ | $\dashv$ |
| <u> </u>    | 45       | -  | $\vdash \vdash$        | $\dashv$      | $\dashv$ | $\dashv$ |           | $\vdash$          |        | -  |       | <u> </u> | 95       |  | +        | +       | +            | H               | -        | $\dashv$     |          |             | 145        |                 | $\dashv$ |                   |                        |                |                 |                 | $\dashv$ | $\dashv$ |
|             | 46       | <del>                                     </del> | H                      | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$  |                   |        | <del>                                     </del> |       |          | 96       |  | -        | 十       | +            | H               | $\dashv$ | $\dashv$     | ::::::   |             | 146        | $\square$       | -        | $\vdash$          | $\dashv$               |                |                 | $\square$       | $\dashv$ |          |
| <u> </u>    | 47       |  | $\vdash \vdash$        | +             | $\dashv$ | _        |           | $\vdash$          |        | $\vdash$   |       |          | 97       | $\Box$   | $\dashv$ | +       | 1            | -               | 十        |              | -        | <u> </u>    | 147        | $\vdash \vdash$ |          |                   |                        |                |                 | $\vdash$        |          | $\dashv$ |
|             | 48       |  |                        |               |          | $\dashv$ | ㅓ         |                   |        |  |       |          | 98       |  | +        | +       | +-           | -               | +        | $\dashv$     | -        | <del></del> | 148        | $\vdash$        |          |                   |                        |                |                 | $\forall$       |          | $\neg$   |
|             | 49       | <del>                                     </del> |                        | 1             | +        |          | $\exists$ |                   |        |  |       |          | 99       |  | $\dashv$ | $\top$  | +            | $  \cdot  $     | 十        | +-           |          |             | 149        | H               |          |                   |                        |                |                 | $\Box$          | $\dashv$ | $\dashv$ |
|             | 50       |  | $\Box$                 |               | 寸        |          |           |                   |        |  |       |          | 100      |  | 1        |         | +            | $  \cdot  $     | _        | +            |          |             | 150        | $\Box$          |          |                   |                        |                |                 |                 |          |          |
|             |          |  |                        |               |          |          |           | لـــــا           |        |  | ,     |          | ,        | <u> </u>   |          |         |              |                 |          |              | ٠٠٠٠٠    |             |            |                 |          |                   |                        |                |                 | 1               | 1        |          |